**TRANSMITTAL
FORM**

(to be used for all correspondence after initial filing)

Total Number of Pages in This Submission

12

Application Number

10/661,547

Filing Date

09/15/2003

First Named Inventor

Pooran C. Joshi

Art Unit

2822

Examiner Name

Thomas, Toniae M.

Attorney Docket Number

ARL 00-34A

ENCLOSURES (Check all that apply)

Fee Transmittal Form



Fee Attached



Amendment/Reply



After Final



Affidavits/declaration(s)



Extension of Time Request



Express Abandonment Request



Information Disclosure Statement



Certified Copy of Priority Document(s)

Reply to Missing Parts/
Incomplete ApplicationReply to Missing Parts
under 37 CFR 1.52 or 1.53

Drawing(s)



Licensing-related Papers



Petition

Petition to Convert to a
Provisional Application

Power of Attorney, Revocation



Change of Correspondence Address



Terminal Disclaimer



Request for Refund



CD, Number of CD(s) _____



Landscape Table on CD



After Allowance Communication to TC

Appeal Communication to Board
of Appeals and InterferencesAppeal Communication to TC
(Appeal Notice, Brief, Reply Brief)

Proprietary Information



Status Letter

Other Enclosure(s) (please identify
below):

Remarks

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm Name

Customer Number 21364 U.S. Army Research Laboratory

Signature

Printed name

William V. Adams

Date

19 January 2005

Reg. No.

32,552

CERTIFICATE OF TRANSMISSION/MAILING

I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below:

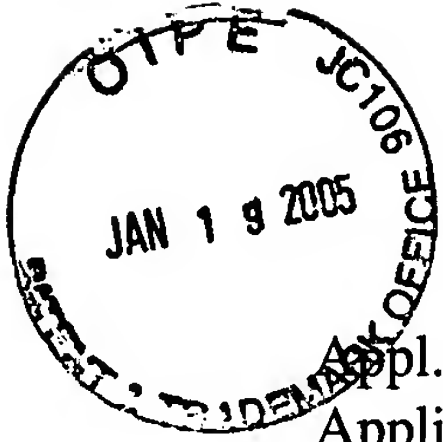
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This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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ARL 00-34A

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Appl. No. : **10/661,547** Confirmation No.: **9057**
Applicant : **Joshi, et al.**
Filed : **09/15/2003**
TC/A.U. : **2822**
Examiner : **Thomas, Toniae M.**

Docket : **ARL 00-34A**

Customer No. : **21364 U.S. Army Research Laboratory**

For: Fabrication of Pure and Modified Ta₂O₅ Thin Film with Enhanced Properties for Microwave Communication, Dynamic Random Access Memory and Integrated Electronic Applications

AMENDMENT AND REMARKS

U.S. Patent and Trademark Office
Customer Service Window
Randolph Building
Alexandria , VA 22314

Sir:

This is in response to the Office Action mailed **09/21/2004** having a period for response set to expire on **12/21/2004**. A Petition to Extend the period to respond to **01/21/2005** has been Filed.

The following Amendment and Remarks are respectfully submitted.

Amendments to the Drawings begins on page 2 of this paper and replacement Figures 1 and 2(a) and 2(b) are attached after page 8.

Amendments to the Claims are reflected in the Listing of Claims, which begins on page 3 of this paper.

Remarks begin on page 6 of this paper.